**Kobina Ewusi Twum**

CodLogic Software Engineering Ltd.

Systems Engineering and Development Department

Log for Week Ending **28/08/2020**

Total Hours: **45**

Cumulative Hours: **99**

**WEEK 3 LOG**

This was our second week on our project. Everything had been fine, Miriam and the team had been supportive, and we were making progress. We worked on the UI/UX and the Database Schema for the chat application this week. We started on Monday by referring to existing UIs as well as database schemas for messaging applications. Multiple options were available that provided us with some insight into what we were seeking, but none matched perfectly to what we needed. Hayford and I split the work among ourselves; he took up the UI/UX design task while I took on the design of the database.

On Tuesday, we met with Miriam in the morning during which she suggested some corrections that ought to be done on the flowcharts we had earlier worked on. There were major changes to be made. We worked on the changes, after which I did further research on database schemas, came up with some tables, and added fields and data types for those fields. At the same time, Hayford worked on the login and chat UI.

Hayford took a leave to complete an assignment on Wednesday. I added more tables to my database design and established relationships among the tables. I also did much research on how roles and permissions are implemented in building Laravel applications. On Thursday, we had a meeting with Miriam where we discussed several things including our programme line-up for the duration of our internship. It was also made clear our reporting time and duration of our break. Later that day, I finalised the database’s table relationships and run migrations. The database was fully set up now. Hayford worked on the dashboard UI design and prototyping.

On Friday, I prepared slides for the weekly presentation. I also researched on authenticating users, assigning roles and permissions, as well as implementing gates in Laravel projects. It looked quite like a daunting task but I know I can accomplish it with much effort and determination, and especially because there is help around. The presentation started off around 16:00GMT. I picked up several things from our superiors during the presentation that I think will help me in my career. Overall, this week has been very productive and I look forward to the next.